



## **ABSTRACT**

Environment, Climate Change – Tamil Nadu Climate Change Mission (TNCCM) - Annual Action Plan for the year 2024 -2025 under Tamil Nadu Climate Change Mission (TNCCM) - Sanction accorded to carryout various activities - Orders – Issued.

### **ENVIRONMENT, CLIMATE CHANGE AND FOREST (EC.4) DEPARTMENT**

**G.O.(Ms).No.175**

**Dated:14.10.2024**

**குரோதி, புரட்டாசி -28**

**திருவள்ளூர் ஆண்டு -2055**

**Read:**

1. G.O.(Ms).No.54, Environment, Climate Change and Forest (EC.2) Department, Dated. 23.03.2022.
2. From the Department of Environment and Climate Change letter F.No.320/DoE & CC/ TNCCM/2024, Dated.02.08.2024.

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### **ORDER:**

During the Budget Speech for the year 2021-2022, the Hon'ble Minister for Finance and Human Resources Management, among other announcements, made the following statement, "Combating and mitigating the impact of climate change is crucial for a coastal State like Tamil Nadu. To facilitate necessary action, the Government, under the leadership of Hon'ble Chief Minister, has launched the Tamil Nadu Climate Change Mission to embark on Climate Change adaptation and mitigation activities with a total outlay of Rs. 500 crores".

2. In the Government Order 1<sup>st</sup> read above, orders have been issued sanctioning an amount of Rs.77.35 crore (Rupees Seventy seven crore and thirty five lakhs only) for 9 components for the years 2021-2023 to carry out various activities under Tamil Nadu Climate Change Mission (TNCCM).

3. In the letter 2<sup>nd</sup> read above, the Department of Environment and Climate Change had sent a proposal to Government to carryout activities under Tamil Nadu Climate Change Mission (TNCCM) as per the annual action plan for the year 2024-2025. The proposed activities under (P.T.O)

Tamil Nadu Climate Change Mission (TNCCM) for the year 2024-2025 are as follows:-

| S. No | Objectives  | Activities  | Amount (Rs. In Crores) | Expected Outcome  | Implementing Agency | Source of Funding |
|-------|---|---|------------------------|---|---------------------|-------------------|
| 1.    | <p><b>Green Indexing of Cities</b><br/>(Announcement 2023-24)</p> <ul style="list-style-type: none"> <li>To develop a city-level green evaluation and management framework to enhance environmental performance in the provision of basic services in urban areas to measure and promote sustainable practices, environmental performance, and livability factors in cities.</li> <li>To improve the capacity of the cities to mitigate and adapt to the Urban Heat Island effect by encouraging the practices of cool roofing, increasing the green spaces and harnessing the renewable energy through solar panel installations in the vehicle parkings.</li> </ul> | <p>1. Establish an evaluation framework covering environmental, institutional, and governance dimensions in the provisioning and delivery of basic services, such as water supply, sewage &amp; sanitation, solid waste management, stormwater drains, roads &amp; street lighting</p> <p>2. Curbing the unplanned Land use planning and reduced concretization through policy development and implementation through Stakeholders consultation and discussion.</p> | 1.00                   | <p>High indexed city will be recognised and also be made Ambassador for that year to promote Climate Change policies of the Government of Tamil Nadu.</p> <p>Formulate a management framework focusing on governance structures, regulatory mechanisms, and financing strategies required for environmentally-efficient service delivery.</p> | DoE & CC            | GoTN              |
| 2.    | <p><b>Carbon Neutral Hubs</b><br/>(Announcement 2023-24)<br/>To take proactive Climate change</p>   | <p>1. Conduct a baseline assessment - understand current situation and</p>  | 2.00                   | <p>Brings out cooperation among the line departments to create and carry out solutions to</p>   | DoE&CC              | GoTN              |

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|    | <p>initiatives for fostering Tamil Nadu vision to become a Carbon Neutral state.</p> <p>The following four municipalities / districts shall be selected for transformation into carbon neutral hubs</p> <ol style="list-style-type: none"> <li>1. Coimbatore</li> <li>2. The Nilgiris</li> <li>3. Rajapalayam</li> <li>4. Rameshwaram</li> </ol>   | <p>identify major source of emissions from each sector like transport, industrial activities, residential etc.,</p> <ol style="list-style-type: none"> <li>2. Based on the baseline data a DPR would be prepared.</li> <li>3. Conducting capacity building workshops, stakeholder discussions, meetings, pilot scale demonstration in the proposed regions and so on.</li> </ol> |      | <p>reduce greenhouse gas emissions from the municipalities.</p> <p>It helps other municipalities in Tamil Nadu to prepare route plan for achieving Carbon Neutrality</p> |        |      |
| 3. | <p><b>Hon'ble CM Waterbody Conservator Award.</b><br/>(Announcement 2023-24)</p> <p>The Waterbody Conservator Award will be established to recognize individuals for their exceptional efforts in preserving and rejuvenating waterbodies.</p> <ol style="list-style-type: none"> <li>1. To protect the water bodies of Tamil Nadu.</li> <li>2. To recognize the work of individuals / Organizations in protecting waterbodies.</li> </ol> | <p>Individuals / Organizations who have done their best to protect and improve the waterbodies in 38 districts of Tamil Nadu will be awarded to recognize their deeds. (1.00 lakh per person / District)</p> <p>A award distribution event for the individual.</p>   | 0.40 | <p>This will encourage individuals and local communities by creating a sense of responsibility to conserve and improve the water bodies.</p>                             | DoE&CC | GoTN |
| 4. | <p><b>My TN Initiative - Nature Stewardship</b><br/>(Announcement 2024-25)</p>   | <p>To engage the youth, Citizens, Civil Society Organisations in Environmental</p>   | 1.00 | <p>1. Foster a sense of responsibility towards the environment among citizens</p>  | DoE&CC | GoTN |

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|    |   | <p>conservation and restoration activities. To provide hands-on experience in various conservation and environmental management activities. Engage volunteers in knowledge enhancing and skill set improving workshops.</p>  |      | <p>especially youngsters</p> <ol style="list-style-type: none"> <li>Increase awareness about environmental issues and the importance of preserving natural habitats.</li> </ol>  |        |      |
| 5. | <b>Sustain TN</b><br>(Announcement 2024-25) | <ol style="list-style-type: none"> <li>To be implemented in collaboration with the Tamil Nadu Startup and Innovation Mission (TANSIM).</li> <li>The Department of Environment and Climate Change will be part of the proposal Evaluation committee</li> <li>20 selected teams will be given seed grants for further prototyping based on Environmental and Renewable Energy</li> <li>Support the incubation and scaling of eco-friendly startups and enterprises to promote sustainable development and green growth.</li> <li>Foster the development of eco-innovations that address</li> </ol> | 3.00 | <ol style="list-style-type: none"> <li>Development of innovative solutions addressing key environmental and climate challenges in Tamil Nadu.</li> <li>Strengthening of the innovation ecosystem and entrepreneurship landscape in the state.</li> <li>Empowerment of individuals and teams to become agents of change in their communities.</li> <li>Promotion of sustainable development and green jobs in Tamil Nadu.</li> <li>Contribution to the achievement of the SDGs and the State's climate change goals.</li> </ol> | DoE&CC | GoTN |

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|    |  | <p>pressing environmental issues and climate challenge in Tamil Nadu.</p> <p>6. Encourage cross-sectoral collaboration and knowledge sharing among academia, industry, Government, and civil society.</p> <p>7. Raise awareness about the importance of environmental conservation and climate action among citizens and stakeholders.</p>   |      |  |        |      |
| 6. | <b>One Health initiative</b><br>(Announcement 2024-25) | <p>1. Stakeholder's meetings/ workshops to be conducted including concerned line departments.</p> <p>2. 10 Research Fellows (RF) to be engaged in the study of the emerging zoonotic diseases and its impact and possible issues arising out of increasing Human- Animal contact.</p> <p>3. Labs associated with One Health will be involved in consultation and upgradation wherever possible</p> | 1.00 | <p>1. Facilitate the common people easy adaptation for Changes in climate</p> <p>2. Climate Proofing of the Disaster Shelter Homes in cities affected by extreme heatwave.</p> | DoE&CC | GoTN |
| 7. | <b>Climate literacy</b><br>Age (Sector) appropriate    | <p>1. Provide practical demonstration</p>  | 5.00 | <p>1. Demonstration of energy-efficient technologies like</p>  | DoE&CC | GoTN |

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|----|---|--|------|---|--------|------|
|    | <p>document will be developed in consultation with line departments to impart climate literacy and build climate- resilient communities across 38 districts of Tamil Nadu.</p> <ol style="list-style-type: none"> <li>1. Disseminate the knowledge and create awareness on Sustainable Practices to the plumbers and electricians.</li> <li>2. To achieve skill enhancement and behaviour change among plumbers and electricians towards best practices.</li> <li>3. Create a network to facilitate collaboration of the various stakeholders such as school teachers, College professors and climate experts.</li> </ol> | <p>s and hands-on training on eco-friendly installations, renewable energy systems, and water-saving devices.</p> <ol style="list-style-type: none"> <li>2. Increase Climate awareness and adoption of Sustainable Practices among the public through Marathon, street play, Social media campaign, capacity building workshops etc.</li> <li>3. Networking and Collaboration among the stakeholders for climate action.</li> <li>4. Encourage peer learning, problem-solving, and enhancing awareness in grass root levels.</li> <li>5. Collaborate with industry associations, suppliers, and manufacturers to promote climate-friendly lifestyle and technologies.</li> </ol> |      | <p>plumbing fixtures, appliances, and renewable energy driven electrical equipment.</p> <ol style="list-style-type: none"> <li>2. Publication, Documentation, printing and other contingencies</li> <li>3. Share case studies and success stories from the field of sustainable infrastructure development</li> </ol> |        |      |
| 8. | <b>Chief Ministers Green Fellowship Programme</b>   | <ol style="list-style-type: none"> <li>1. Take leadership as India's foremost environmentally progressive State, espousing the trinity of jobs, growth and</li> </ol>  | 4.85 | <ol style="list-style-type: none"> <li>1. To develop a module to impart training to the departmental staff in Climate Change. Officials will be selected from different departments in</li> </ol>   | DoE&CC | GoTN |

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|----|---|--|-------|--|--------|------|
|    |   | <p>environmental sustainability.</p> <ol style="list-style-type: none"> <li>2. Engage passionate young people meaningfully in governance and administration of environmental policy design and implementation.</li> <li>3. Support District Administration across Tamil Nadu in better delivery of environmental services.</li> <li>4. Create robust institutional systems and processes for environmental policy management and set a benchmark worthy of emulation in other regions.</li> <li>5. Create an institutional repository of knowledge on environmental issues through rigorous research and analysis</li> </ol> |       | <p>the districts and will be trained in the Climate Studio, Anna University.</p> <ol style="list-style-type: none"> <li>2. Creation of a district-level body of knowledge on areas related to environment.</li> <li>3. Tangible improvement in the quality of environment in the district (with respect to air, water, waste management, among others)</li> <li>4. Increase in citizen engagement and participation on all policy interventions</li> <li>5. Improved response time from the district administration to address environmental issues</li> <li>6. Improved use of technological tools for reporting and delivery of environmental services.</li> </ol> |        |      |
| 9. | <p><b>Retro-fitting Government Buildings to make it green building</b> Initiatives to retrofit Government buildings and transforming them into green buildings through sustainable and energy-efficient upgrades, promoting</p> | <ol style="list-style-type: none"> <li>1. Two Govt Hospitals / one Medical College Hospital will be selected for this project on pilot basis.</li> <li>2. Create a plan of work to retrofit the buildings with the proposed changes and assess the environmental performance of</li> </ol>   | 10.00 | <ol style="list-style-type: none"> <li>1. Increases the energy and Cost Savings of government buildings.</li> <li>2. Reduce Environmental Footprint</li> <li>3. Improved indoor quality Showcasing Leadership and Best Practice among the states</li> </ol>  | DoE&CC | GoTN |

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|     | <p>environmental responsibility and reducing carbon footprint.</p> <ol style="list-style-type: none"> <li>1. Develop the methods to improve the environment friendliness of existing buildings.</li> <li>2. To create and demonstrate replicable model of environmentally sound infrastructures.</li> <li>3. Incentivise the initiatives towards retrofitting of buildings</li> </ol>   | <p>the infrastructure</p> <ol style="list-style-type: none"> <li>3. Preparing an inventory for government buildings to foster smoother transition into Green Building.</li> </ol>   |      |   |        |      |
| 10. | <p><b>Tamil Nadu Climate Summit 3.0.</b><br/>The Tamil Nadu climate summit shall be hosted by bringing together experts, policymakers, and stakeholders to address pressing environmental challenges and drive collaborative action towards a sustainable and resilient future.</p> <ol style="list-style-type: none"> <li>1. Global Collaboration: Foster partnerships between international stakeholders, governments, organizations, and experts to address climate challenges collectively.</li> <li>2. To publicize information about</li> </ol> | <p>Capacity Building Workshops and Panel Discussions on current scenario climate of Tamil Nadu.</p> <p>Technology Showcases and Exhibitions for knowledge sharing through climate Expo.</p> <p>Explore best practices, policy frameworks, and solutions from around the world to inform and enhance Tamil Nadu's climate action agenda.</p> <p>Facilitate discussions on funding mechanisms, financial instruments, and innovative.</p> | 3.00 | <ol style="list-style-type: none"> <li>1. Creation of Global Collaboration and Partnerships</li> <li>2. Understand the status of climate initiatives, sustainable practices, and the benefits of being a low-carbon economy.</li> </ol> | DoE&CC | GoTN |

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|    | successful climate initiatives, sustainable practices, and the benefits of transitioning to a low-carbon economy. |  |       |  |        |      |
|    | 3. Encourage investment in climate-resilient projects, renewable energy, and sustainable infrastructure.          |  |       |  |        |      |
|    | <b>Sub-Total (A)</b>  |  | 31.25 |  |        |      |
| 11 | Committed expenditures  | Climate Resilient Green Temple                               | 0.41  |  |        |      |
|    |   | Sustainable Habitat Workshops                                | 0.80  |  |        |      |
|    |   | Climate Literacy   | 0.34  |  |        |      |
|    |   | Climate Smart Villages                                       | 0.58  |  |        |      |
|    |   | Carbon Enrichment Programme                                  | 0.25  |  | DoE&CC | GoTN |
|    |   | TNSAPCC 2.0 (Tamil Nadu State Action Plan on Climate Change) | 0.05  |  |        |      |
|    |   | TN Governing Council on Climate Change-Expenditure           | 2.00  |  |        |      |
|    | <b>Committed expenditure total (B)</b>  |  | 4.43  |  |        |      |
|    | The amount sanctioned in the BE 2024-2025 & SNA account revalidated (C)   |  | 24.83 |  |        |      |
|    | <b>Additional fund Required {(A+B)-C}</b>   |  | 10.85 |  |        |      |
|    | <b>Grand Total</b>  |  | 35.68 |  |        |      |

4. The Government after careful examination accord sanction for an amount of Rs.35.68 (Rupees Thirty Five Crores and Sixty Eight lakhs only)

for carrying out 11 activities under Tamil Nadu Climate Change Mission for the year 2024-25 as detailed in para.3 above, subject to the following conditions :-

- i. Retrofitting of Government buildings shall be done after detailed study and the costing be based on the applicable Schedule of Rates of 2024-25.
- ii. Sector-wise baseline study, actionable insights for field officials based on the existing modelling data available with Climate Studio be prepared for training and implementation of climate adaption & resilience plans suitable for the sector & geography.
- iii. Green Fellowship scheme will not automatically be allowed to continue next year without critical evaluation for outcomes.
- iv. After exhausting the funds of Rs.24.83 Cr. already sanctioned in Budget Estimate (BE) and based on the physical and financial progress of the scheme, additional fund of Rs.10.85 will be provided in RE/FMA.

5. The balance amount as announced by Hon'ble Minister (Finance & HRM) in the Budget speech announcement for the year 2021-2022 may be utilised for Climate Change adaptation and mitigation activities for the future action plans.

6. This order issues with the concurrence of the Finance Department vide its U.O.Note No.8105725/Fin(E&F)/2024, dated.07.09.2024.

(BY ORDER OF THE GOVERNOR)

**P. SENTHILKUMAR**  
**PRINCIPAL SECRETARY TO GOVERNMENT**

To:

The Director,

Department of Environment and Climate Change, Chennai-15.

The Additional Chief Secretary to Government,

Health and Family Welfare Department,

Secretariat, Chennai-9.

The Additional Chief Secretary to Government,

Public Works Department,

Secretariat, Chennai-9.

The Principal Secretary to Government,

Municipal Administration and Water Supply Department,

Secretariat, Chennai-9.

The Secretary to Government,

Micro, Small and Medium Enterprises Department

Secretariat, Chennai-9.

The Chairperson,

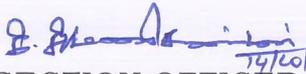
Tamil Nadu Pollution Control Board, Chennai – 32.

The Accountant General, Chennai-18.  
The Pay and Accounts Officer, Chennai-9.  
The District Collectors concerned.

**Copy to :-**

The Office of the Hon'ble Chief Minister,  
Secretariat, Chennai - 9.  
The Special/Senior Personal Assistant to  
Hon'ble Minister (Environment, Climate Change), Chennai - 9.  
The Private Secretary to the Principal Secretary to Government,  
Environment, Climate Change and Forest Department, Chennai-9.  
The Finance Department, Chennai - 9.  
Stock File/Spare Copy.

//FORWARDED // BY ORDER//

  
SECTION OFFICER <sup>19/10/24</sup>

